



VHF/UHF DUAL BAND TRANSCEIVER

IC-2730A

Practical Dual Bander with Optional Bluetooth® Headset



VHF/VHF, UHF/UHF Simultaneous Receive

The IC-2730A provides VHF/VHF, UHF/UHF simultaneous receive capability as well as VHF/UHF receive. Main dials, volume, squelch knobs and primal buttons are symmetrically laid out for each band.

Optional VS-3 Bluetooth® Headset

The optional VS-3 Bluetooth® headset can wirelessly control the IC-2730A with three programmable keys and a PTT button. It also provides VOX operation for hands-free communication.

* Optional UT-133/A Bluetooth® unit must be installed in the IC-2730A.



▲ Optional VS-3 Bluetooth® headset

Easy-to-See Large White Backlit LCD

The display size of the IC-2730A is 1.5 times larger than its predecessor, the IC-2720H. Frequency display and channel names are larger, and the white backlit provides higher contrast.

Easy Controller Mounting with the Optional MBF-1

The combination of the optional MBF-1 suction cup mounting base and MBA-5 controller bracket provides easy tilt and swivel adjustments. The large suction cup can be mounted on flat surfaces and can be removed easily.



▲ Photo includes optional MBF-1 and MBA-5

50 watts of output on VHF and UHF

The IC-2730A employs a durable PA module and delivers 50 watts of high power operation on both VHF and UHF bands.

Built-in 50 CTCSS and 104 DTCSS tones with Split Tone Function

The CTCSS and DTCSS tones are built-in for quiet stand-by and repeater access. The split tone function allows you to set CTCSS/DTCSS tones separately for repeater uplink and downlink on a per channel basis.

SPECIFICATIONS

GENERAL			
Frequency coverage			
Version	Transmit	Receive	
USA	144-148, 430-450 MHz	118-174, 375-550 MHz ^{*1}	
Export	137-174, 400-470 MHz ^{*2}	118-174, 375-550 MHz ^{*2}	
Guaranteed range ^{*1} 144-148, 430-450 MHz, ^{*2} 144-148, 430-440 MHz			
No. of memory channels		1052 channels (including 50 scan edges and 2 Call)	
Type of emission		F2D, F3E (FM, FM-N)	
Frequency stability		±2.5 ppm	
Power supply requirement		13.8 V DC ±15%	
Current drain	Tx	13 A	
(approximate)	Rx	1.8 A/1.2 A (Max. audio/Stand-by)	
Antenna impedance		50 Ω (SO-239)	
Operating temperature range		-10°C to +60°C; 14°F to +140°F	
Dimensions	Main unit	150x40x151 mm; 5.91x1.57x5.94 in	
(W-H-D)	Controller	150x50x27.2 mm; 5.91x1.97x1.07 in	
Projections are not included.)			
Weight (approx.)	Main unit,	1.2 kg; 2.65 lb	
	Controller	140 g; 4.94 oz	

Controller Attachment to the Main Unit with Optional MBA-4

With the optional MBA-4 combination bracket, the controller can be attached to the main unit. The microphone jacks are mounted on both the controller and main unit.

Wideband Receiver

The IC-2730A covers 118-174 and 375-550 MHz. You will be able to listen to aviation, marine, weather channels and other utility communications.

TRANSMITTER			
Output power (at 13.8 V DC)		50 W, 15 W, 5 W	
TPE version		25 W, 15 W, 5 W	
Max. frequency deviation		±5.0 kHz/±2.5 kHz (W/N)	
Spurious emissions		Less than -60 dBc	
Microphone impedance		600 Ω (8-pin modular)	
RECEIVER			
Intermediate frequencies	A band	38.85 MHz/450 kHz	
	B band	46.35 MHz/450 kHz	
Sensitivity (at 12 dB SINAD)		Less than 0.18 μV	
Selectivity		More than 60 dB/55 dB (W/N)	
Spurious response rejection	A band	More than 60 dB/55 dB (V/U)	
	B band	More than 60 dB/60 dB (V/U)	
Audio output power		More than 2 W (10% dist. 8)	
External speaker connector		2 conductor 3.5 (d) mm (1/8")/8 Ω	

Supplied Accessories

- Hand microphone, HM-207 • Controller cable
- Microphone hanger • DC power cable • Spare fuses

And More...

- HM-207 remote control microphone • CS-2730
- Free download PC programming software • Versatile scanning capability • Squelch delay and squelch attenuator • Sub band auto mute function • Sub band busy beep function • Auto repeater functions* (* Depending on the transceiver version)
- Auto power off • Time-out-timer • 16 DTMF auto dial memories • Weather channel receive with weather alert* (* USA version only) • CI-V remote control capability (through the OPC-478UC)

Receiver sensitivity (Less than) (Not guaranteed, for your reference only)			
FM/FM-N (12 dB SINAD)			
137-159.995 MHz [*]	0.32 μV	160-174.000 MHz	0.56 μV
375-399.995 MHz	0.56 μV	400-499.995 MHz [*]	0.32 μV
500-550.000 MHz	0.56 μV		
AM/AM-N (10 dB S/N)		118-136.991 MHz	1 μV

* Except amateur bands.

All stated specifications are subject to change without notice or obligation.

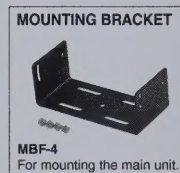
Applicable U.S. Military Specifications

Standard	MIL 810G	
	Method	Procedure
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D -E and -F.

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.



- **CS-2730 PROGRAMMING SOFTWARE**
Free downloadable PC programming software. Download from <http://www.icom.co.jp/world/support/index.html>
- **OPC-474 CLONING CABLE**
For transceiver to transceiver cloning cable.



The "3D GENUINE Icom label" is attached to the bottom of the main unit. Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

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